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SEQUENCE LISTING

<110> XENOME LTD
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ALEWOOD, Dianne
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<130> 12373580/JGC

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<170> PatentIn version 3.2

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<400> 51

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<400> 54

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Tyr Asn Gly Val Cys Cys Gly Tyr Lys Xaa Cys His Pro Cys
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<400> 57

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Arg Gly Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
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Cys

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<223> Xaa is L-norleucine

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<223> Xaa is 4-hydroxyproline

<400> 112

Asn Gly Xaa Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 113
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<222> (7)..(7)
<223> Xaa is O-methyl-L-tyrosine

<400> 113

Asn Gly Val Cys Cys Gly Xaa Lys Leu Cys His Pro Cys
1 5 10

<210> 114
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<223> Xaa is L-beta-homolysine

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<223> Xaa is 4-hydroxyproline

<400> 114

Xaa Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 115
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<222> (12)..(12)
<223> Xaa is 4-hydroxyproline

<400> 115

Asn Gly Leu Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 116
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<220>
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<400> 116

Tyr Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 117
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<220>
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<400> 117

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Lys Cys
1 5 10

<210> 118
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<400> 118

Tyr Asn Arg Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 119
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<223> Xaa is L-norleucine

<220>
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<223> Xaa is 4-hydroxyproline

<400> 119

Xaa Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 120
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<222> (1)..(1)
<223> Xaa is benzoyl

<400> 120

Xaa Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

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<223> Xaa is D-lysine

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<223> Xaa is 4-hydroxyproline

<400> 121

Xaa Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 122
<211> 13
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<400> 122

Asn Lys Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 123
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<223> Xaa is O-methyl-L-tyrosine

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<222> (12)..(12)
<223> Xaa is 4-hydroxyproline

<400> 123

Asn Gly Val Cys Cys Gly Xaa Lys Leu Cys His Xaa Cys
1 5 10

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<223> Xaa can be any naturally occurring amino acid

<400> 124

Asn Ala Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 125
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<220>
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<400> 125

Asn Gly Ile Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 126
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<223> Xaa is 4-hydroxyproline

<400> 126

Asn Gly Val Cys Cys Gly Tyr Lys Xaa Cys His Xaa Cys
1 5 10

<210> 127
<211> 13

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<223> Xaa is L-Lysine (dimethyl)

<220>
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<223> Xaa is 4-hydroxyproline)

<400> 127

Xaa Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 128
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<223> Xaa is D-asparagine

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<223> Xaa is 4-hydroxyproline

<400> 128

Xaa Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 129
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<222> (12)..(12)
<223> Xaa is L-Pipecolic acid (homo proline)

<400> 129

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 130
<211> 13
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<223> Xaa is 4-hydroxyproline

<400> 130

Ala Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 131
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<222> (1)..(1)
<223> Xaa is naphthyl

<400> 131

Xaa Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

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<223> Xaa can be any naturally occurring amino acid

<400> 132

Tyr Asn Xaa Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 133
<211> 13
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<223> Xaa is 4-hydroxyproline

<400> 133

Phe Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 134
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<223> Xaa is N-Naphthylalanine

<400> 134

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys Xaa Pro Cys
1 5 10

<210> 135
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<223> Xaa is 4-hydroxyproline

<400> 135

Thr Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 136
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<223> Xaa is 2-aminobenzoyl (anthraniloyl)

<220>
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<223> Xaa is 4-hydroxyproline

<400> 136

Xaa Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 137
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<223> Xaa is naphthyl

<400> 137

Xaa Gly Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 138
<211> 13
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<220>
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<400> 138

Asn Gly Thr Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

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<220>
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<223> Xaa is 4-hydroxyproline

<400> 139

Xaa Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

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<223> Xaa can be any naturally occurring amino acid

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<400> 140

Xaa Asn Gly Val Cys Cys Gly Xaa Lys Leu Cys His Xaa Cys
1 5 10

<210> 141
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<400> 141

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

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<223> Xaa is 4-hydroxyproline

<400> 142

Xaa Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 143
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<400> 143

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 144
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<223> Xaa is 4-hydroxyproline

<400> 144

Xaa Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 145
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<400> 145

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Ala Cys
1 5 10

<210> 146
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<400> 146

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

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<222> (12)..(12)
<223> Xaa is 4-hydroxyproline

<400> 147

Asp Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 148
<211> 9
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<400> 148

Val Cys Cys Gly Tyr Lys Leu Cys Cys
1 5

<210> 149
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<223> Xaa is L-dimethyldopa or L-dimethoxyphenylalanine

<400> 149

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 150
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<223> Xaa is 4-hydroxyproline

<400> 150

Asn Gly Ala Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

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<220>
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<400> 151

Asp Gly Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 152
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<400> 152

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 153
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<400> 153

Asn Gly Ala Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

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<223> Xaa is 4-hydroxyproline

<400> 154

Xaa Asp Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 155
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<400> 155

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Phe Cys
1 5 10

<210> 156
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<212> PRT
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<220>
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<400> 156

Asn Ser Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 157
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<222> (13)..(13)
<223> Xaa is 4-hydroxyproline

<400> 157

Xaa Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 158
<211> 13
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<223> Xaa is L-thiazolidine-4-carboxylic acid

<400> 158

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 159
<211> 13
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<400> 159

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Glu Cys
1 5 10

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<223> Xaa can be any naturally occurring amino acid

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<400> 160

Asn Gly Xaa Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 161
<211> 14
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<400> 161

Tyr Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 162
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<400> 162

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 163
<211> 14
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<220>
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<400> 163

Tyr Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys Gln Pro Cys
1 5 10

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<223> Xaa is D-pyroglutamic acid

<220>
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<222> (12)..(12)
<223> Xaa is 4-hydroxyproline

<400> 164

Xaa Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 165
<211> 13
<212> PRT
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<220>
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<400> 165

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Tyr Cys
1 5 10

<210> 166
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<222> (6)..(6)
<223> Xaa is D-lysine

<400> 166

Asn Gly Val Cys Cys Xaa Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 167
<211> 13
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<223> Xaa is L-Lysine (dimethyl)

<220>
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<223> Xaa is 4-hydroxyproline

<400> 167

Asn Gly Val Cys Cys Gly Tyr Xaa Leu Cys His Xaa Cys
1 5 10

<210> 168
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<222> (7)..(7)
<223> Xaa is L-homotyrosine

<220>
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<223> Xaa is 4-hydroxyproline

<400> 168

Asn Gly Val Cys Cys Gly Xaa Lys Leu Cys His Xaa Cys
1 5 10

<210> 169
<211> 13
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<220>
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<222> (11)..(11)
<223> Xaa is L-3-pyridylalanine

<400> 169

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys Xaa Pro Cys
1 5 10

<210> 170
<211> 14
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<220>
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<400> 170

Tyr Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys Lys Pro Cys
1 5 10

<210> 171
<211> 14
<212> PRT
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<220>
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<400> 171

Tyr Asn Gly Val Cys Cys Gly Leu Lys Leu Cys His Pro Cys
1 5 10

<210> 172
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<213> Artificial Sequence

<220>
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<400> 172

Asn Gly Val Cys Cys Gly Tyr Ala Leu Cys His Pro Cys
1 5 10

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<222> (9)..(9)
<223> Xaa is 4-hydroxyproline

<400> 173

Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 174
<211> 14
<212> PRT
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<220>
<223> synthetic

<400> 174

Tyr Asn Gly Val Cys Cys Gly Tyr Leu Leu Cys His Pro Cys
1 5 10

<210> 175
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic

<400> 175

Tyr Asn Gly Val Cys Cys Gly Tyr Lys Asn Cys His Pro Cys
1 5 10

<210> 176
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<220>
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<222> (7)..(7)
<223> Xaa is L-2-furylalanine

<400> 176

Asn Gly Val Cys Cys Gly Xaa Lys Leu Cys His Pro Cys
1 5 10

<210> 177
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<220>
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<223> Xaa is 4-hydroxyproline

<400> 177

Asn Gly Val Cys Cys Gly Tyr Arg Leu Cys His Xaa Cys
1 5 10

<210> 178
<211> 13
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<220>
<221> MISC_FEATURE
<222> (11)..(11)
<223> L-histidine(benzyloxymethyl)

<400> 178

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys Xaa Pro Cys
1 5 10

<210> 179
<211> 14
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<220>
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<400> 179

Tyr Asn Gly Val Cys Cys Gly Tyr Phe Leu Cys His Pro Cys
1 5 10

<210> 180
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<223> Xaa is L-histidine(3-methyl)

<400> 180

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys Xaa Pro Cys
1 5 10

<210> 181

<211> 13
<212> PRT
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<220>
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<400> 181

Asn Gly Val Cys Cys Gly Tyr His Leu Cys His Pro Cys
1 5 10

<210> 182
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<223> Xaa is L-norleucine

<220>
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<223> Xaa is 4-hydroxyproline

<400> 182

Xaa Gly Val Cys Cys Gly Tyr Xaa Leu Cys His Xaa Cys
1 5 10

<210> 183
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<223> Xaa is D-glutamic acid

<400> 183

Asn Gly Val Cys Cys Glu Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 184
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<400> 184

Tyr Asn Gly Val Cys Cys Gly Asn Lys Leu Cys His Pro Cys
1 5 10

<210> 185
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<223> Xaa is L-norleucine

<400> 185

Asn Gly Val Cys Cys Gly Tyr Xaa Leu Cys His Pro Cys
1 5 10

<210> 186
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<220>
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<400> 186

Asn Gly Val Cys Cys Ser Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 187
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<220>
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<223> Xaa is 4-hydroxyproline

<400> 187

Xaa Gly Val Cys Cys Gly Trp Lys Leu Cys His Xaa Cys
1 5 10

<210> 188
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<222> (6)..(6)
<223> Xaa is D-serine

<400> 188

Asn Gly Val Cys Cys Xaa Tyr Lys Leu Cys His Pro Cys
1 5 10

<210> 189
<211> 13
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<222> (1)..(1)
<223> Xaa is L-pyroglutamic acid

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<222> (8)..(8)
<223> Xaa is L-Citrulline

<220>
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<222> (12)..(12)
<223> Xaa is 4-hydroxyproline

<400> 189

Xaa Gly Val Cys Cys Gly Tyr Xaa Leu Cys His Xaa Cys
1 5 10

<210> 190
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<222> (12)..(12)
<223> Xaa is 4-hydroxyproline

<400> 190

Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys Ala Xaa Cys
1 5 10

<210> 191
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<223> Xaa is L-1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid

<400> 191

Asn Gly Val Cys Cys Gly Xaa Lys Leu Cys His Pro Cys
1 5 10

<210> 192
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<223> Xaa is D-phenylalanine

<400> 192

Asn Gly Val Cys Cys Xaa Tyr Lys Leu Cys His Pro Cys
1 5 10

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<400> 193

Gly Ile Cys Cys Gly Val Ser Phe Cys Tyr Xaa Cys
1 5 10

<210> 194
<211> 13
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<213> Artificial Sequence

<220>
<223> synthetic

<400> 194

Asn Gly Val Cys Cys Gly Tyr Gln Leu Cys His Pro Cys
1 5 10

<210> 195
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<220>
<223> synthetic

<400> 195

Tyr Asn Gly Val Cys Cys Gly Glu Lys Leu Cys His Pro Cys
1 5 10

<210> 196

<211> 13
<212> PRT
<213> Artificial Sequence

<220>
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<400> 196

Asn Gly Val Cys Cys Gly Tyr Lys Lys Cys His Pro Cys
1 5 10

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<223> Xaa is L-pyroglutamic acid

<220>
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<222> (12)..(12)
<223> Xaa is 4-hydroxyproline

<400> 197

Xaa Gly Val Cys Cys Gly Glu Lys Leu Cys His Xaa Cys
1 5 10

<210> 198
<211> 13
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<220>
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<223> Xaa is 4-hydroxyproline

<400> 198

Xaa Gly Val Cys Cys Gly Ile Lys Leu Cys His Xaa Cys
1 5 10

<210> 199
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<220>
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<400> 199

Arg Asn Cys Cys Arg Leu Gln Val Cys Cys Gly
1 5 10

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<222> (12)..(12)
<223> Xaa is 4-hydroxyproline

<400> 200

Val Gly Val Asp Asp Gly Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 201
<211> 14
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<220>
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<400> 201

Tyr Asn Gly Val Cys Cys Gly Lys Lys Leu Cys His Pro Cys
1 5 10

<210> 202
<211> 13
<212> PRT
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<222> (12)..(12)
<223> Xaa is 4-hydroxyproline

<400> 202

Asn Gly Val Cys Cys Gly Tyr Lys Ala Cys His Xaa Cys
1 5 10

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<222> (12)..(12)
<223> Xaa is 4-hydroxyproline

<400> 203

Asn Gly Val Cys Cys Gly Tyr Ala Leu Cys His Xaa Cys
1 5 10

<210> 204
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<222> (12)..(12)
<223> Xaa is 4-hydroxyproline

<400> 204

Asn Gly Val Cys Cys Gly Ala Lys Leu Cys His Xaa Cys
1 5 10

<210> 205
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<223> Xaa is 4-hydroxyproline

<400> 205

Asn Gly Val Cys Cys Ala Tyr Lys Leu Cys His Xaa Cys
1 5 10

<210> 206
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<220>
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<222> (7)..(7)
<223> Xaa is L-dimethyldopa or L-dimethoxyphenylalanine

<400> 206

Asn Gly Val Cys Cys Gly Xaa Lys Leu Cys His Pro Cys
1 5 10

<210> 207
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic

<400> 207

Tyr Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys Arg Pro Cys
1 5 10

<210> 208
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic

<400> 208

Tyr Asn Gly Val Cys Cys Gly Tyr Ile Leu Cys His Pro Cys

1 5 10

<210> 209
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<400> 209

Tyr Asn Gly Val Cys Cys Gly Tyr Lys Asp Cys His Pro Cys
1 5 10

<210> 210
<211> 14
<212> PRT
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<220>
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<400> 210

Tyr Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys Glu Pro Cys
1 5 10

<210> 211
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<400> 211

Tyr Asn Gly Val Cys Cys Gly Tyr Trp Leu Cys His Pro Cys
1 5 10

<210> 212
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
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<400> 212

Tyr Asn Gly Val Cys Cys Gly Tyr Tyr Leu Cys His Pro Cys
1 5 10

<210> 213
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<220>
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<222> (7)..(7)
<223> Xaa is L-dimethyldopa or L-dimethoxyphenylalanine

<220>
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<223> Xaa is 4-hydroxyproline

<400> 213

Asn Gly Val Cys Cys Gly Xaa Lys Leu Cys His Xaa Cys
1 5 10

<210> 214
<211> 13
<212> PRT
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<220>
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<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is L-Diphenylalanine

<220>
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<223> Xaa is 4-hydroxyproline

<400> 214

Asn Gly Val Cys Cys Gly Xaa Lys Leu Cys His Xaa Cys
1 5 10

<210> 215
<211> 13
<212> PRT
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<220>
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<220>
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<222> (7)..(7)
<223> Xaa is L-Lysine (dimethyl)

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is 4-hydroxyproline

<400> 215

Asn Gly Val Cys Cys Gly Xaa Lys Leu Cys His Xaa Cys
1 5 10